

Appl. No. 10/708,505
Amdt. dated June 24, 2005
Reply to Office action of March 25, 2005

AMENDEMENTS TO THE CLAIMS

Listing of Claims:

Claim 1 (currently amended): A projection display device, comprising:

- 5 a casing;
 a lamp;
 an optical engine, installed in said casing, ~~and comprising a lamp;~~ and
 a lamp cooling apparatus, installed in said casing, ~~and the lamp cooling~~
10 apparatus comprising a fan and recess formed on the casing, said fan being
 ~~installed at the bottom part of between~~ said lamp and said recess, said fan
 being not inside said recess ~~disposed below said fan.~~

Claim 2 (cancelled)

- 15 Claim 3 (currently amended): The device according to claim 1, wherein said
 projection display device further comprises an air inlet and air outlet, and said
 air inlet and said air outlet are respectively disposed at opposite ~~[[flank]]~~ sides of
 said casing.
- 20 Claim 4 (original): The device according to claim 1, wherein said lamp cooling
 apparatus further comprises a lamp cover, said lamp cover is installed outside of
 said lamp, and a convection space is formed between said lamp cover and said
 lamp.
- 25 Claim 5 (original): The device according to claim 4, wherein an air inlet and an air
 outlet are respectively disposed at the places on said lamp cover relative to the
 bottom and the top of said lamp.

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Claim 6 (original): The device according to claim 5, wherein said fan is installed at
said air inlet.

5 Claim 7 (original): The device according to claim 5, wherein diversion plates are
installed at said air outlet.

Claim 8 (currently amended): A lamp cooling apparatus positioned inside a casing,
comprising:
a fan, installed at the bottom part of said lamp; and
10 a recess, formed on said casing and disposed below said fan, wherein said fan is
not inside said recess.

Claim 9 (original): The apparatus according to claim 8, further comprising a lamp
cover, installed outside of said lamp, a convection space is formed between said
15 lamp cover and said lamp.

Claim 10 (original): The apparatus according to claim 9, wherein a air inlet and air
outlet are respectively disposed at the places on said lamp cover relative to the
top and the bottom of said lamp.

20 Claim 11 (original): The apparatus according to claim 10, wherein said fan is installed
at said air inlet.

Claim 12 (original): The apparatus according to claim 10, wherein diversion plates are
25 installed at said air outlet.

Claim 13 (new): A projection display device, comprising:
a casing having an air inlet and an air outlet, said air inlet and said air outlet
being respectively disposed on sides of said casing;
30 a lamp;

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an optical engine, installed in said casing; and
a lamp cooling apparatus, installed in said casing, comprising a fan;
wherein at least one of said air inlet and said air outlet is not disposed directly
above or below said fan.

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